

CLAIMS

What is claimed is:

1 . A metal plane jointing structure comprising:

5 a metal plate;

 a metal joint nut having a periphery flange thereon; and

 a layer of adhesive glue positioned between the metal plate
 and the periphery flange.

10 2 . The metal plane jointing structure of claim 1 wherein the
 metal plate is made of aluminum.

15 3 . The metal plane jointing structure of claim 1 further
 comprising an annular plate tightly surrounds the periphery
 flange for increasing the contact surface between the metal
 joint nut and the metal plate.

20 4 . The metal plane jointing structure of claim 1 wherein the
 adhesive glue is an epoxy resin.

5 . A making method for a metal plane jointing structure
 comprising:

 (a) forming a metal plate;

 (b) forming a metal joint nut;

- (c) insulating the metal plate by performing an anodic treatment;
- (d) performing a de-scum process at the joint position of the metal plate;
- 5 (e) performing the de-scum process at the joint position of the metal joint nut;
- (f) coating a glue at the joint position of the metal joint nut or the metal plate;
- (g) connecting the metal joint nut onto the metal plate;
- 10 (h) curing the metal joint nut and the metal plate in an oven; and
- (i) cooling down at the room temperature.

6 . The method of claim 5 wherein the step (d) further comprises
15 polishing the surface of the metal plate at the joint position.

7 . The method of claim 5 wherein the step (e) further comprises
polishing the jointing face of the metal joint nut.

20 8 . The method of claim 5 wherein in step (h) is carried out
for 4 minutes at 200°C.